Alberta

GAS ROYALTY OPERATIONS INFORMATION BULLETIN

Petroleum Plaza – North Tower
7th Floor, 9945 – 108 Street
Edmonton, Alberta T5K 2G6
Canada
www.alberta.ca

December 2017

ANNOUNCEMENTS 2
Alberta Energy – Gas Royalty Operations Calendar 2

MONTHLY INFORMATION 2
Re-Allocation of Assigned Volumes (RMF2s) 2
Pricing for Gas and Gas Products 2
October 2017 Royalty Due January 31, 2018 3
November 2017 VA4 due January 15, 2018 3
Petrinex Deadline Submissions 3
Interest Rate December 2017 3
September Provisional Assessment Charge 4
September Penalty Charges 4
Production Allocation Discrepancy (PAD) Potential Royalty Impact 4
Well Event Measured Depth Determination Letter 4
NGDDP Confidential Wells 5

INFRASTRUCTURE DATA 5
Business Associate ID Listing 5
Client Status Changes 5
Nova Tolls - Multiple Gas Reference Prices 6

REMINDERS 6
Office Closures – Christmas Period 6
October 2017 Sulphur VA4 Reporting 6
Statutory Requirement and Recalculation of 2013 Royalty 6
Department Initiated Amendments for 2013 Royalty 7

BUSINESS CONTACTS 8
Quick Reference 8
Petrinex Service Desk 8
Volumetric & Cost Reporting 8
Management Information 8
Gas Royalty Accounting 9
Gas Royalty Features 9
Freehold Mineral Tax 9
Reference Prices and Valuation Allowances Calculation Information 9
Alberta Energy Internet Webpage 9

Appendix A 10
Alberta Energy – Gas Royalty Operations Calendar 10

PLEASE ENSURE YOUR PRODUCTION ACCOUNTANTS RECEIVE A COPY OF THIS DOCUMENT

ANNOUNCEMENTS

Alberta Energy – Gas Royalty Operations Calendar

A 2018 Calendar is attached, which provides critical filing dates that clients are required to meet with respect to Gas Royalty processing cut-off periods.

MONTHLY INFORMATION

Re-Allocation of Assigned Volumes (RMF2s)

As per the *Alberta Natural Gas Royalty Guidelines (2009, Updated)*, Chapter III, Section 2.2.1, Royalty clients may submit an RMF2 form if they wish to reassign all or part of their Crown and/or freehold volumes of gas and gas products allocated to well events, well groups, units, or injection schemes. The RMF2 Listing report identifies the royalty clients' active RMF2s currently in our system as well as the date that the form was last used to re-assign volumes.

Royalty Clients should review their RMF2 reports issued each month, and are requested to submit termination dates for those RMF2s that are no longer required. The number of unused documents continues to increase. Part 3.4 of the RMF2 form requires a Termination Date be completed and it should be defined for a reasonable timeframe. The RMF2 is not intended for the facilitation of sales activity between clients. In those instances, the OAF can be changed in

order to facilitate a smooth transition of responsibility for the production volumes. As a reminder, the department will require definite termination dates applied to each form (Part 3.4). If the termination date is not on the form, it will be returned to the submitter. The Department expects that this will reduce the number of obsolete documents in our system.

If you require any additional information, please contact VCR at VCR@gov.ab.ca.

Pricing for Gas and Gas Products

For pricing on gas, gas products, and transportation information for October 2017, please refer to the Information Letter.

The monthly default sulphur price for **October** is **$27.20.** Below are the annual sulphur default prices:

2013	2014	2015	2016
$51.05	$82.35	$101.10	$43.13

October 2017 Royalty Due January 31, 2018

Royalty clients are to remit the total amount payable shown on the January 2018 Statement of Account by January 31, 2018. If the amount payable includes accrued current period interest, the interest has only been accrued to the statement issue date. Clients must also include the additional interest that has accrued from the statement issue date to the date of payment, using the per diem amount provided. Current period interest will not be charged on current invoice charges for the production month of October if it is paid in full by January 31, 2018.

The January 2018 Statement of Account shows your amount payable as of the Statement issue date. It includes any outstanding balances from your previous statement, your October 2017 invoice amount and any applicable current period interest charges. It also identifies refunds resulting from overpayments.

Note: If the due date falls on a non-business day, the next business day will apply as the due date *except for the month of March due to the Government of Alberta's fiscal year end.* In this situation, the due date will apply previous to the non-business day as the due date.

Cheques are made payable to the Government of Alberta and must contain the G94 account number as reflected on the Statement of Account.

November 2017 VA4 due January 15, 2018

The VA4 forms for the production month of November 2017 are due in the department offices by January 15, 2018.

Note: If the due date falls on a non-business day, the next business day will apply as the due date for VA4 forms.

Petrinex Deadline Submissions

The Petrinex deadline for SAF, OAF, and Volumetric submissions are posted on the Petrinex website "Reporting Calendars" under Calendars. ***Changes to this calendar will be posted on the Petrinex website home page in "Broadcast Messages."***

Interest Rate December 2017

Alberta Energy's interest rate for December 2017 is **4.20%**

September Provisional Assessment Charge

The summary of Provisional Assessment Charges for all production periods in the September 2017 billing period was:

First Time Provisional Assessment	Reversals of Provisional Assessments (Net)	Net Provisional Assessment
$193,253.79	($890,940.00)	($697,686.21)

September Penalty Charges

The penalty table below shows at the form level, the total penalty charges and reversals, for the September 2017 billing period.

Forms	Penalty Charges	Penalty Reversals	Net Penalty Charges for 2017/09
AC2	$229,200	($78,900)	$150,300
AC5	$600	$0	$600
NGL*	$0	$0	$0
VA3	$0	$0	$0
VA4	$0	$0	$0
Total	**$229,800**	($78,900)	**$150,900**

* NGL Price Reporting

Production Allocation Discrepancy (PAD) Potential Royalty Impact

As of the September 2017 billing period, the potential royalty dollar impact is estimated as $4.9 million, for the production months of April through September 2017.

NOTE: These values are not intended to show that Crown royalty has been understated but do illustrate the consequences of incorrect reporting.

Well Event Measured Depth Determination Letter

The department has issued a "Well Event Measured Depth Determination Letter" under the Report Package DOE – Gas to facility operators via Petrinex on December 4, 2017. This letter shows the confirmed Measured Depth (MD) of each active well event that will be used to calculate the Depth Factor (DF) of the quantity component rate under the Alberta Royalty Framework formula. A well event that is not listed on the letter and does not have a confirmed MD will receive a DF of 1. When the changes to the MD are confirmed by the department, a letter is issued to a facility operator who reports changes through Petrinex to a well event attributes affecting MD. All changes to the MD are applied on a go forward basis only. Facility operators are advised to submit well event attribute changes by the last day of the calendar month in order for timely determination of MD.

NGDDP Confidential Wells

Wells designated as "confidential" will be reviewed prior to the removal of the "confidential" status, if the directional surveys and completion reports are provided to the department. Send directional surveys and completion reports to GasRoyaltyPrograms@gov.ab.ca

If you have any questions, please contact Lily Hiew in Gas Royalty Features at 780-427-1550.

INFRASTRUCTURE DATA

Business Associate ID Listing

The BA Identifiers Report is a directory of Business Associate (BA) names, codes, status (e.g. struck, active, amalgamated, etc.), status effective dates, and effective August 2004, and includes Working Interest Owner (WIO) role start/end dates.

This report is also published daily on the Petrinex website.

The Department reminds Business Associates to review their WIO role to ensure that the start and end dates are reflected correctly. If the BA does not have an active WIO role, the operators cannot allocate volumes to the BA for the relevant production periods through the SAF/OAF allocations.

- If a BA has a WIO role, then that BA can receive SAF/OAF allocations from the WIO role start date forward.
- If a BA has a WIO role with an end date, then they can only receive SAF/OAF allocations from the WIO role start date until the end date. Any SAF/OAF allocations after the end date will be rejected.
- If a BA does not have a WIO role start date, then that BA cannot receive SAF/OAF allocations.

Please contact Client Registry/Crown Land Data at 780-422-1395 or CrownLandDataSupport@gov.ab.ca if you have any questions regarding the information supplied in this article.

Client Status Changes

Clients must ensure that all royalty documents are completed using only valid client names and IDs. It is critical that royalty clients use current legal client names and their appropriate IDs on all documents to ensure accurate royalty calculation and to prevent provisional assessment and penalties. Rejects will occur when invalid IDs are used.

If you require information regarding client status changes, names, or IDs please contact Client Registry/Crown Land Data at 780-422-1395 or CrownLandDataSupport@gov.ab.ca.

Nova Tolls - Multiple Gas Reference Prices

Royalty information related to the implementation of the Factor Model negotiated with industry for determining Multiple Gas Valuation Prices is provided on the Natural Gas website's Royalty Related Information page under Facility Royalty Trigger Factors and Meter Station Ties.

REMINDERS

Office Closures – Christmas Period

All Alberta Energy offices will be closed from Monday, December 25, 2017 to Monday, January 1, 2018, inclusive. The submission deadline for the December 2017 invoice is December 15, 2017. However, due to the time constraints caused by the closure please have all form submissions and requests to Gas Royalty Operations by Monday, December 11, 2017 to ensure sufficient time for processing for the invoice. Offices will re-open on Tuesday, January 2, 2018.

October 2017 Sulphur VA4 Reporting

Due to the upcoming holidays, we would like to request your help in sending in your Sulphur report submissions earlier, before the deadline date.

Sulphur VA4 report deadline for October 2017 production is on Friday, December 15th. Due to the proximity to the holidays, early submissions would be very much appreciated in order to facilitate timely completion of the processing and systems requirements. If you have any questions, please contact Arlene Astorga, Pricing & Analysis at 403-297-5459, or arlene.astorga@gov.ab.ca.

Statutory Requirement and Recalculation of 2013 Royalty

A production year becomes statute barred on December 31st, four years after the end of a production year. Once a year has become statute barred, calculation or recalculation of royalty does not occur on a monthly basis. Section 38 of the Mines and Minerals Act provides for recalculation of royalty that can be initiated in two ways:
1. On the department's initiative in conjunction with an audit or examination; or
2. At the request of a royalty payer.

Audits in Progress
Non-operator partners are advised that certain 2013 Allowable Operating and Capital Costs (including costs reported at facilities where fractionation occurs), Custom Processing Fees, Custom Processing Adjustment Factor (CPAF), Enhanced Oil Recovery Schemes, CO2 Project Credit claims and volumetric reporting discrepancy audits are currently in progress.

It is anticipated that these audits will be completed before December 31, 2017. However, should circumstances warrant a completion of these audits in 2018, we no longer provide a list of the facilities affected by the outstanding custom processing adjustment factor review and the AC2 review. Please note that all facilities and all facility cost centres are open for a potential review.

Royalty clients are also reminded that amendments received by the department in the fourth year following the production year may be subject to audit. If the amendments are received late in the fourth year and insufficient time is available for the department to commence a review of the amendments prior to the end of the year, the department reserves the right to commence the audit at the beginning of the fifth year.

If you have any questions, please contact Robert Sonego, Manager, Compliance & Assurance, Calgary, at 403-297-8774.

Industry Recalculation of 2013 Royalty
Industry initiated royalty recalculation requests for the 2013 production year must be submitted in writing to the attention of Olga Marocco, Manager, Volumetric & Cost Reporting, Gas Royalty Operations on or before December 31, 2017 and must include the information listed below.

- Identification of the recalculation facility or facilities
- A list of the royalty variables proposed for recalculation
- The reason for the recalculation
- The production year of the recalculation
- An order of magnitude estimate (i.e. >$100,000, >$1 Million, >$2 Million, etc.,) of the recalculation requested
- Identification of all royalty clients that may be impacted by the request (this is necessary, especially in situations where volumes may be cascaded to another client who is expected to respond to the cascade)
- Confirmation from the operator that the affected partner(s) have been notified
- A sample copy of the submission pertaining to a particular production month in paper or electronic format (e.g., excel)

If the request meets the department's terms and conditions for recalculation, it will be approved. A request made during the fourth year following the production year, must be completed before the end of the fifth year, with a reasonable time for a review by the department, prior to the end of the fifth year.

Due to office closure during December 25, 2017 to January 1, 2018 inclusive, any inquiries concerning the extension of the fifth year for amendment submission will only be addressed on or before **December 22, 2017.** Submissions will be accepted up to and including **December 31, 2017**, but should there be any deficiencies, the request will be denied.

If you have any questions regarding this process, please contact the Volumetric & Cost Reporting team.

Department Initiated Amendments for 2013 Royalty

The following is under review by the department for the production year 2013 and will be completed in 2018:

Accuracy of royalty related volumetric submissions, including but not limited to:

- PURDISP/PURREC reporting and ABWG 99999 allocations.
- Accuracy of royalty related gas cost allowance submissions.

If you have any questions regarding this process, please contact the Control Assurance team at ControlAssurance.Energy@gov.ab.ca.

BUSINESS CONTACTS

Quick Reference

Group	Email
Petrinex Service Desk	Petrinexsupport@Petrinex.ca
Client Registry / Crown Land Data	CrownLandDataSupport@gov.ab.ca
Volumetric & Cost Reporting	VCR@gov.ab.ca
Management Information	ManagementInformation.Energy@gov.ab.ca
Gas Royalty Accounting	GasRoyaltyAccounts.Energy@gov.ab.ca
Gas Royalty Rapid Transit Payments	G94Deposit@gov.ab.ca
Gas Royalty Features	GasRoyaltyPrograms@gov.ab.ca
Freehold Mineral Tax	Mintax.Energy@gov.ab.ca

Petrinex Service Desk

The focal point for communications regarding preparations for, access to, or utilization of Petrinex is the Petrinex Service Desk, or Petrinex Support.

Phone: 403-297-6111 or 1-800-992-1144
Fax: 403-297-3665
Email: Petrinexsupport@Petrinex.ca
Website: www.Petrinex.ca

Volumetric & Cost Reporting

Volumetric & Cost Reporting (V&CR) is the Front Line of contact for inquiries relating to volumetric and cost reporting as well as gas royalty calculation processes. V&CR is made up of four teams as shown below:

Team	Team Lead
Volumetrics	Nicole Karpan
Costs	Sheruna Naidoo
Process Support	Penny Calen
Adherence	Oana Jurgea

Gas Royalty Voicemail: 780-422-8727
Fax: 780-427-3334
Alberta Toll Free: 310-0000
Gas Royalty Email: VCR@gov.ab.ca

Hours of operation are 8:15 a.m. to 4:30 p.m. Voice messages left after 4:30 p.m. will be answered the next business day.

Management Information

All inquiries or requests that relate to royalty information (e.g. Information Letter, Information Bulletin and other Department of Energy's Natural Gas website publications) and questions related to Commercial Storage, Soldier Settlement, and Farm Gas should be forwarded to the Management Information Team at ManagementInformation.Energy@gov.ab.ca.

Gas Royalty Accounting

All inquiries or requests that relate to royalty accounting (e.g. Transfers, Refunds, Interest, Statement of Account, Collections and Royalty Deposits) should be forwarded to the Royalty Accounting Team at GasRoyaltyAccounts.Energy@gov.ab.ca.

Gas Royalty Features

All inquiries or requests that relate to royalty programs (e.g. Natural Gas Deep Drilling Program, New Well Royalty Rates and Otherwise Flared Solution Gas Royalty Waiver Program) should be forward to the Royalty Features team at GasRoyaltyPrograms@gov.ab.ca.

Freehold Mineral Tax

All inquiries or requests that relate to Freehold Mineral Tax (FMT) (e.g. Recalculation of Tax, Notice of Objections, Electronic Transfer System (ETS), inquires for FMT, Freehold Role transfers, Unit Value Submissions, Title Transfers, Mineral Tax Redemption Act (MTRA), EOR on Freehold Lands) should be forwarded to the FMT Help Desk at Mintax.Energy@gov.ab.ca.

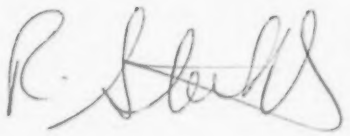
Reference Prices and Valuation Allowances Calculation Information

For information related to Natural Gas and Natural Gas Liquids reference prices, and Sulphur valuation submissions (VA3 and VA4), contact the Pricing & Analysis Team located at the Alberta Energy office in Calgary:

Pricing & Analysis
300, 801 – 6 Avenue SW
Calgary, Alberta T2P 3W2
Telephone: 403-297-5514
Fax: 403-297-5400
Email: GasValuation.Energy@gov.ab.ca

Alberta Energy Internet Webpage

Prices, Royalty Rates and Transportation Information are available on the Alberta Energy Internet webpage: www.energy.alberta.ca. From "Our Business", navigate to "Natural Gas", "About Natural Gas", "Prices", and "Alberta Natural Gas Reference Price (ARP)". In addition, both the Gas Royalty Information Bulletins and Information Letters are also available under "Our Business", navigate to "Natural Gas", "Legislation, Guidelines & Policies".



Richard Stokl
Director, Gas Royalty Operations
Royalty Operation

Appendix A

Alberta Energy – Gas Royalty Operations Calendar

January 2018

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 **New Year's Day**	2 NGL	3	4	5	6
7	8	9	10	11	12	13
14	15 SAF/OAF, VA4, RGA, INFRASTRUCTURE	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30 RMF2, RMF3, PW1	31			
	Note1: If the due date falls on a non-business day, forms will be accepted on the next business day. Note 2: 2014 and 2015 Production Years become Statute Barred on December 31, 2018.					

February 2018

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1 NGL	2	3
4	5	6	7	8	9	10
11	12	13	14	15 SAF/OAF, VA4, RGA, INFRASTRUCTURE	16	17
18	19 **FAMILY DAY**	20	21	22	23	24
25	26	27	28 RMF2, RMF3, PW1			
	Note 1: If the due date falls on a non-business day, forms will be accepted on the next business day. Note 2: 2014 and 2015 Production Years become Statute Barred on December 31, 2018.					

March 2018

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1 NGL	2	3
4	5	6	7	8	9	10
11	12	13	14	15 SAF/OAF, VA4, RGA, INFRASTRUCTURE	16	17
18	19	20	21	22	23	24
25	26	27	28	29 RMF2, RMF3, PW1	30 **Good Friday**	31
	Note1: If the due date falls on a non-business day, forms will be accepted on the next business day. Note 2: 2014 and 2015 Production Years become Statute Barred on December 31, 2018.					

April 2018

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2 **Easter Monday**	3 NGL	4	5	6	7
8	9	10	11	12	13	14
15	16 SAF/OAF, VA4, RGA, INFRASTRUCTURE VA3 FORM	17	18	19	20	21
22	23	24	25	26	27	28
29	30 RMF2, RMF3, PW1					
	Note1: If the due date falls on a non-business day, forms will be accepted on the next business day. Note 2: 2014 and 2015 Production Years become Statute Barred on December 31, 2018.					

May 2018

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1 NGL	2	3	4	5
6	7	8	9	10	11	12
13	14	15 SAF/OAF, VA4, RGA, INFRASTRUCTURE AC2/3 AND AC5 DOCUMENTS	16	17	18	19
20	21 **VICTORIA DAY**	22	23	24	25	26
27	28	29	30 RMF2, RMF3, PW1	31		
	Note1: If the due date falls on a non-business day, forms will be accepted on the next business day. Note 2: 2014 and 2015 Production Years become Statute Barred on December 31, 2018.					

June 2018

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1 NGL	2
3	4	5	6	7	8	9
10	11	12	13	14	15 SAF/OAF, VA4, RGA, INFRASTRUCTURE	16
17	18	19	20	21	22	23
24	25	26	27	28	29 RMF2, RMF3, PW1	30
	Note1: If the due date falls on a non-business day, forms will be accepted on the next business day. Note 2: 2014 and 2015 Production Years become Statute Barred on December 31, 2018.					

July 2018

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 **CANADA DAY**	2 **STAT IN LIEU**	3 NGL	4	5	6	7
8	9	10	11	12	13	14
15	16 SAF/OAF, VA4, RGA, INFRASTRUCTURE	17	18	19	20	21
22	23	24	25	26	27	28
29	30 RMF2, RMF3, PW1	31				
	Note1: If the due date falls on a non-business day, forms will be accepted on the next business day. Note 2: 2014 and 2015 Production Years become Statute Barred on December 31, 2018.					

August 2018

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1 NGL	2	3	4
5	6 **CIVIC HOLIDAY**	7	8	9	10	11
12	13	14	15 RGA, SAF/OAF, VA4, INFRASTRUCTURE	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30 RMF2, RMF3, PW1	31	
	Note1: If the due date falls on a non-business day, forms will be accepted on the next business day. Note 2: 2014 and 2015 Production Years become Statute Barred on December 31, 2018.					

September 2018

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3 **LABOUR DAY**	4 NGL	5	6	7	8
9	10	11	12	13	14	15
16	17 SAF/OAF, VA4, RGA, INFRASTRUCTURE	18	19	20	21	22
23	24	25	26	27	28 RMF2, RMF3, PW1	29
30	**Note1: If the due date falls on a non-business day, forms will be accepted on the next business day.** Note 2: 2014 and 2015 Production Years become Statute Barred on December 31, 2018.					

October 2018

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 NGL	2	3	4	5	6
7	8 **THANKSGIVING**	9	10	11	12	13
14	15 SAF/OAF, VA4, RGA, INFRASTRUCTURE	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30 RMF2, RMF3, PW1	31			
	Note1: If the due date falls on a non-business day, forms will be accepted on the next business day. Note 2: 2014 and 2015 Production Years become Statute Barred on December 31, 2018.					

November 2018

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1 NGL	2	3
4	5	6	7	8	9	10
11 **REMEMBRANCE DAY**	12 **DAY IN LIEU**	13	14	15 SAF/OAF, VA4, RGA, INFRASTRUCTURE	16	17
18	19	20	21	22	23	24
25	26	27	28	29 RMF2, RMF3, PW1	30	
	Note1: If the due date falls on a non-business day, forms will be accepted on the next business day. Note 2: 2014 and 2015 Production Years become Statute Barred on December 31, 2018.					

December 2018

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	Note1: If the due date falls on a non-business day, forms will be accepted on the next business day. Note 2: 2014 and 2015 Production Years become Statute Barred on December 31, 2018.					1
2	3 NGL	4	5	6	7	8
9	10	11	12	13	14	15
16	17 SAF/OAF, VA4, RGA, INFRASTRUCTURE	18	19	20	21 RMF2, RMF3, PW1	22
23	24 CHRISTMAS DAY	25 BOXING DAY	26 CHRISTMAS CLOSURE	27 CHRISTMAS CLOSURE	28 CHRISTMAS CLOSURE	29
30	31 CHRISTMAS CLOSURE					

ATTACHMENT 1

ATTACHMENT TO INFORMATION LETTER 2017-43

2017 GAS AND ISC PRICES

Month	Gas Reference Price ($/GJ)	Methane ISC Reference Price ($/GJ)	Methane ISC Par Price ($/GJ)	Ethane ISC Reference Price ($/GJ)	Ethane ISC Par Price ($/GJ)	Propane ISC Reference Price ($/GJ)	Butanes ISC Reference Price ($/GJ)	Pentanes Plus ISC Reference Price ($/GJ)
JAN	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86
FEB	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39
MAR	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
APR	2.34	2.34	2.34	2.34	2.34	2.34	2.34	2.34
MAY	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46
JUN	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39
JUL	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83
AUG	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72
SEP	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
OCT	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11
NOV								
DEC								

DETAIL OF THE OCTOBER 2017 GAS AND ISC REFERENCE PRICES						
	Gas	**Methane**	**C2-IC**	**C3-IC**	**C4-IC**	**C5-IC**
NOVA Inventory Transfer (NIT) Purchase Price - Alberta Market Price (AMP) from NGX	1.325	1.325	1.325	1.325	1.325	1.325
Deductions: Intra-Alberta Transportation (IATD)	0.192	0.192	0.192	0.192	0.192	0.192
Price Before Pipeline Factor	1.132	1.132	1.132	1.132	1.132	1.132
Pipeline Fuel/Loss Factor	0.981	0.981	0.981	0.981	0.981	0.981
Price Before Amendments	1.111	1.111	1.111	1.111	1.111	1.111
Amendments:						
Prior Period RP Amendments	0.000	0.000	0.000	0.000	0.000	0.000
Special amendments	0.000	0.000	0.000	0.000	0.000	0.000
Calculated RP	1.111	1.111	1.111	1.111	1.111	1.111
Reference Price	**1.110**	**1.110**	**1.110**	**1.110**	**1.110**	**1.110**
Adjusted Intra-Alberta Transportation Deduction	0.189	0.189	0.189	0.189	0.189	0.189

ATTACHMENT 1A

ATTACHMENT TO INFORMATION LETTER 2017-43

2017

NATURAL GAS LIQUIDS REFERENCE PRICES

Month	Ethane Reference Price($/GJ)	Ethane Par Price($/GJ)	Propane Spec Reference Price($/m³)	Butanes Spec Reference Price($/m³)	Pentanes Plus Spec Reference Price($/m³)	Pentanes Plus Par Price($/m³)	Propane Mix Reference Price($/m³)	Butanes Mix Reference Price($/m³)	Pentanes Plus Mix Reference Price($/m³)
January	2.86	2.86	179.59	275.60	408.94	408.94	123.34	198.72	408.96
February	2.39	2.39	165.56	294.98	423.84	423.84	110.51	197.40	421.16
March	2.20	2.20	116.80	231.90	400.56	400.56	68.91	173.81	400.16
April	2.34	2.34	137.21	248.93	414.42	414.42	92.55	201.23	410.38
May	2.46	2.46	139.17	237.54	393.69	393.69	97.99	192.14	387.47
June	2.39	2.39	119.76	216.52	351.11	351.11	79.61	172.52	341.01
July	1.83	1.83	134.77	220.81	341.02	341.02	95.73	171.09	322.26
August	1.72	1.72	171.28	235.85	358.39	358.39	129.99	176.86	341.66
September	1.20	1.20	204.00	256.63	372.19	372.19	164.85	180.92	354.88
October	1.11	1.11	235.90	272.77	406.28	406.28	190.04	195.02	393.09
November									
December									

Note:

1) Effective July 2014, reference prices for Propane, Butanes and Pentanes Plus, as Spec and Mix, are calculated at field locations. See Information Letter 2013-35.

ATTACHMENT 2

ATTACHMENT TO INFORMATION LETTER 2017-43

NATURAL GAS LIQUIDS REFERENCE PRICES

RESTATEMENTS

Restated Reference Prices

Monthly & Yearly Restated Reference Prices Comparison Report

The following prices are prescribed for the following business month(s):

No Restatement this month